

CLAIMS

- 1 A cement slurry, comprising a base fluid including cement, a first fibrous component made of metallic fibres and a second fibrous component made of glass, carbon or polymeric fibres having a density close to that of the base fluid, said second fibrous component present at a concentration of less than 10% by mass of the total fibrous content of the fluid.
- 2 The cement slurry of claim 1, wherein the metallic fibres comprise amorphous cast iron.
- 3 The cement slurry of claim 2, wherein the metallic fibres are flat, plate-like structures having an average length less than 10mm.
- 4 The cement slurry as claimed in any preceding claim, wherein the second fibrous component is selected from the list consisting of glass, polyamide, novoloid, polypropylene and polyester fibres.
- 5 A cement slurry as claimed in any preceding claim wherein the second fibrous component has a length ranging from 5 to 35 mm.
- 6 A well fluid as claimed in any preceding claim, wherein the base fluid exhibits shear-thinning behaviour.
- 7 A method of treating a well, comprising pumping into the well a cement slurry as claimed in any of the preceding claims.